5. OSD 77 5 ODI 4	P. D. 200 CO.	omar.		ATT	*			
	. DEPARTMENT OF COM test and Trademark Office	IMPACE.	100	-	S DOCKET NUMBE	R SERIAL NUMBE		
(REV. 6-89)		/0	INE	EMF-101		09/804,800	,	
			స్ట	APPLICANT			1	
		(FEB	2 5 2002 2	Markov	, Marko et.	al.	l	
INFORMATION D	ISCLOSURE CITATION							
(Use Several Shoets	if Necessary)	The same	THE COL	3/14/01		GROUP ART UN	" 	
•		PREPARE TO	RADBUR	3/14/01	, . .	3730 : :- :-]	
TIO DATES	T DOOL D (T) FT					THE COLUMN		
U.S. PATEN	IT DOCUMENT	8		T		- 3	_ _ _ _ _ _	
EXAMINER	DOCUMENT			FILINGDATE				
INTTIAL	NUMBER	DATE NAME CLASS SUBCLASS APPROPRIATE						
				 			3 73	
			L			l		
FOREIGN P	ATENT DOCU	MENTS					H	
			<u> </u>	T			3	
	DOCUMENT	}	 		ļ	TRANSL	ATOM	
	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
Λ.	100	0 P 1 E	! S	1PRO	$\mathcal{O} \cup \mathcal{D}$	ピソ	•	
1	/ On	IER DOCUME	NTS (Including Au	thor, Title, Date, Pe	rtment Pages, Etc.	.)		
	Article	Cachia et al., St	ructural Studies on C	almodulin and Trop	onin C: Phenothia	zine, Peptide, and	Protein Inter	
		actions with Cal	cium-Induced Helice	s, Calmodulin Anta	gonists and Cellul	ar Physiology, Ac	d Press1985	
	Article	Wang et al., Cal	modulin and Its Role nume 15, pp. 47-107,	m the Second-Mess Academic Press 197	ienger System, Cu 19.	rrent 1 opios no Ce	nma	
	Article	Rheyit et al., H-	NMR Studies of Caln	oodulin-Peptide Inte	ractions, Calcium	Binding Proteins,	Academic	
		Press 1987.						
	Article	Asano et al., sil	octs of Calmodulin A	<u>untagonists on Smoo</u> mists and Collular P	th Muscle Comra hysiology, Acade	mic Press 1985.		
	Article	Kennelly et al.,	Activation of Rabbit	Skeletal Muscle My	osin Light Chain	Kinase by Calmod	ulin – Aa	
		Mechanistic Ov	erview, Howard Hug	hes Medical Institut	e.	262.276 0.11 0.1		
	Article		., The Linker of Calm UK Ltd. 1992.	nodulffa - to Helix or	Not to Helix, pp.	303-376, Cell Ca	caum,	
	Article	Trowhella, J., T	he Solution Storeture	s & Calmodulin and	i ita Complexes w	ith Synthetic Pepti	des Based on	
	1.00		zyme Binding Doma					
	Article	Rasmussen et al	L, <u>Calerochilin, Cell C</u> Publishers Ltd UK	Frowth and Gene Ex	pression, TUNS V	ol. 12, No. 11, pp.	433-438,	
	Article	Means et al. Ca	dmodulin Regulation	of Smooth-Muscle	Myosin Light Cha	in Kinase, Journa	œf	
		Cardiovascular	Pharmacology, Vol.	12, Suppl. 5, pp. S2	5-S29, Raven Pres	ss Ltd. 1988.	.4.15	
	Article	Sacke et al., The	e Activity of Calmod Site of Phosphate In	ulm is Altered by Pt concention. Biocher	nistry Journal 312	00011801000 OF CAUTE 2, pp. 197-204, 19	95.	
	Article	Jarrett et al., Al	ternate Binding of Ac	tin and Calmodulin	to Multiple Sites	on Dystrophin, Th	e Journal of	
		Biological Che	mistry, Vol. 270, No.	10, pp. 5578-5586,	March 1995.			
	Article	Houdusse et al.	Target Sequence Re ience, Vol. 92, pp. 10	cognition by the Ca	<u>imodulm Superfat</u> ber 1995	mry, Proceedin	Se of Nation	
	Article	Anadi et al. Ti	he Calmodulin-bindir	g Domain of the in	tucible (Macrophi	age) Nitric Oxide	Synthase,	
		European Journ	al of Biochemistry, I	Vo. 233, pp. 701-70	8, August 1995			
	Article	Barnes et al., P	EST Sequences in Ca	Imodulin-Binding P	<u>roteins,</u> Molecula 005	r and Cellular Bio	shomistry,	
		VOL 149/150, p	pp. 17-27, Khrwer Ac	acemic ruousiers i	773.			
/		 			<u> </u>			
EXAMINE	R ,	•		DATE CON	SIDERED			
1	2			DATE CON	sidered 4-7	-OS		
	~ / -	$\rightarrow \swarrow$						
EXAMINE	CR: Initial if citation	a considered wheth	ner or not citation is in	conformance with	MPEP 3 609; Dra	w Line through ci	ation if not i	
conformance a	nd not considered. In	actude copy of this	form with next comm	unication to the pat	ent owner.	_		

4 2 ...

FORM PTO-1449Pet (REV. 6-89) . DIFORMATION D	Special Sheets (/ Necessary) J.S. PATENT DOCUMENTS				ATTORNEY'S DOCKET NUMBER SERIAL NUMBER EMF-101 09/804,800 APPLICANT Markov, Marko et. al. — FILING DATE GROUP ART UNIT 3/14/01 3736				
EXAMINER	DOCUMENT		NAME	CT ASS	EI IDCI ASS	FILING DA	H		
INITIAL	NUMBER	DATE	NAME	CLASS	SUBCLASS	APPROPRIATE			
						T T			
FOREIGN P	ATENT DOCU	MENTS				Ž.	3 7		
						TRANSLA	70		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES M			
<u> </u>	M 0	A (C)	110	VV			122002		
1			リビン	Tale Date Pe	OVIL		2		
	O1 F.		ENTS (Including Aut				mile		
		Outgrowth of PO	C12 Cells; Journal of	Neurochemistry Vo	L 66, No. 1, pp. 5	7-64, 1996.			
	Article	Blackman et al.,	The Influence of Ten lease From In Vitro B	mperature During E	lectric- and Magne	tio-Field-Induced	heration of Liss 1991.		
	Article	Laburdy, RP.,	Calcium Signaling in propern Biochemical	Lymphocytes and P	LF Fields, FEBS	Letters, Vol. 301.1.			
	Article		Purification and Char gical Chamistry Vol.			n Light Chain Kins	se, The		
	Article	Walsh et al., Sm Academic Press	nooth Milacle Myosin	Light Chain Kinase	, Methods in Phzy	mology, Vol. 99, p	p. 279-289,		
	Article	Gilbert et al., Do Smooth Muscles	epolarization Decrease Comparison of aequ	es the [Ca ²⁺]; Sensit orin and fure 2 [Ca ²	ivity of Myosin Li	ght-Chain Kinase i FASEB Journal, V	n Arterial ol. 5, pp.		
	Article	Kemp et al., Spr	gust 1991 stial Requirements for hain Kinase, The Jour	Location of Basic	Residues in Peptid	e Substrates for Sm	ooth Muscle		
		American Socie	ty of Biological Chef	nists, Inc., March 19	85.				
	Article		Rabbit Skeletal Musc. . 11958-11963, Septe						
	Article	594, Chapman	Role of Myosin Light (& Hall, 1994.						
	Article	Stepkowski, D.,	The Role of the Skel 6-11, Federation of B				FEBS		
Article Hartshorne, D, Calmodulin: An Intr Callular Physiology, pp. 3-12, Acad				duction to Bjochem			end .		
	Article	Sisken, B.F., Th	ne Role of Calcium Io	ns in Electrically-St	imulated Neurite	Formation is Vitro	рр. 417-		
	Article	Cox et al., Catio	on Binding to Calmod 1-162, Springer-Verla			m and Calcium Bin	Being		
	 	11000000, pp. 14	1-102, Optings - 142						
EXAMINE	3	ı		DATE CON	SIDERED				
da	h			4-	7-05				
	_	/							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 3 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE FORM PTO 149Percent and Tradement Office (REV. 6-69) THE 2.5 THE 8 ATTORNEY'S DOCKET NUMBER SERIAL NUMBER EMF-101 09/804,800 APPLICANT Markov, Marko et. al. PILING DATE 3/14/01 3736 U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DA	H		
FOREIGN PA	ATENT DOCUI	MENTS		<u> </u>	<u> </u>				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA YES	NO		
00	ОТ	P (C -	PR ENTS (Including Au	thor, Title, Date, Pe	_				
	Article	Carafoli et al.,] on its Proteolyti Press 1987.	he Calcium Pump of c Fragments, Calci	the Plasma Membr um Binding Protein	ene: Recent Studies s on Health and Di	con the Purified Execuse, pp. 78-91, A	nzyme and cademic		
	Article	Yamaguchi, M. Liver Cell Fund	, A Novel Ca ²⁴ -bindin tion, Calcium Inhibit	g Protein Regucalc	in and Calcium Inh an Sci., Soc. Poess 1	ibition: Regulator 992.	Role in		
	Article	Kimura et al., la	hibitory and Excitate Role of nACh-RAMI	ry Role of Ca [™] st.)	Venromuscular Syn	apse: The Discove	ery. 992/		
	Article	Weinstein et al	Molecular Biophysic a, Theoretical Bioche	s of Specificity and	Function in Enzym	nes, Receptors and	Calcium		
	Article	Hiraoki et al., S Pharmacology,	tructure and Function Vol. 10 (Supply), pp.	of Calcium-Bindin 814-S31, Raven P	g <u>Proteins,</u> Journal ress, 1987.	of Cardiovascular			
	Article	Adelstein et al., Academic Press	Myosin Structure and	Function, Biocher	nistry of Smooth M	uscle Contraction,	рр. 3-19,		
· · · · · · · · · · · · · · · · · · ·	Article		Myosja Regulation an	d Assembly, Bioch	emistry of Smooth 1	Viuscle Contraction	ı, pp. 37-46,		
	Article	Barany et et, M Press 1996.	lyosin Light Chains, I	Biochemistry of Sm	ooth Muscle Contra	iction, pp. 21-35, /	Academic		
	Article	Bruckner-Lea e	t al., <u>Calcium Binding</u> DC Magnetic Fields,	to Metallochromic Bioelectromagnetic	Dves and Calmod as 13, pp. 147-162.	ulin in the Presenc Wiley-Lisa 1992.	e of		
•	Article	Mani et al., <u>Cal</u> Academic Press	cium Binding Protein	s, Biochemistry of	Smooth Mussle Cor	ntraction, pp. 105-	116,		
	Article	Stull et al., Mys Academic Press	osin Light Chain Kina 1996.						
	Article	Blackman et al.	, Effects of ELF Field 2, pp. 510-520, 1982		fflux from Brain T				
							100/12/		
							7 A		
EXAMINER	1			DATE CON	SIDERED	* A	2002		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Sheet _4_ of 12

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 Patent and Tradement Office ATTORNEY'S DOCKET NUMBER SERIAL NUMBER (REV. 6-89) EMF-101 09/804,800 APPLICANT Markov, Marko et. al. INFORMATION DISCLOSURE CITATION TER 1600/2900 FILING DATE GROUP ART UNIT (Use Several Sheets if Necessary) 3/14/01 3736 U.S. PATENT DOCUMENTS FILING DATE IF DOCUMENT EXAMINER NUMBER DATE NAME CLASS **SUBCLASS** APPROPRIATE INITIAL FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NO SUBCLASS YES NUMBER DATE COUNTRY CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Louboutin et al., Comparison of Contractile Properties Between Developing and Regenerating Soleus Article Muscle: Influence of External Calcium Concentration....., Muscle & Nerve, pp. 1292-1299, Nov. 1995. Balnave et al., Intracellular Calcium and Force in Single Mouse Muscle Fibres Following Repeated Article Contractions with Stretch, Journal of Physiology 488.1, pp. 25-36, 1995. Cobley et al., From Muscle Properties to Human Performance, Using Magnetic Resonance, The Journal of Article Gerontology Series A., Vol. 50A, pp. 35-40, 1995. Barclay et al Fatigue and Heat Production in Repeated Confractions of Mouse Skeletal Muscle, Journal Artide of Physiology 488.3, pp. 741-752, 1995. Haghighi et al., Origin of Muscle Action Potentials Evoked by Transcranial Magnetic Stimulation in Cata, Article Neurological Research, Vol. 17, pp. 469-473, December 1995. Uchida, M.K., Ca Reversal and Ca Relation-Ca Inhibition of Ca-independent Contraction of Smooth Article Muscle, Calcium Inhibition, pp. 167-290, Japan Sci. Soc. Press 1992. dos Remedios et al., Actin and the Actomyosin Interface: A Review, Biochimica et Biophysica Acta 1228, Article pp. 99-124, Elsevier Science 1995. Ridgway et al., Determination of Resting Free Calcium in Bamacle Muscle Using Modified Aequorins, Article Buffered Calcium injections,, Journal of Muscle Research and Cell Motility 16, pp. 499-507, 1995. Sparrow et al., Calmodulin is Essential for Smooth Muscle Centraction, FEBS Letters Vol. 125 No.2, Article March 1981 Hashirani et al., Electrical and Mechanical Responses Produced by Nerve Stimulation in Detrusor Smooth Article Muscle of the Guines-pig, European Journal of Pharmacology 284, pp. 17-183, Elsevier Science 1995. Oda et al., Effects of Actin and Calcium ion on Chymotryptic Digestion of Skeletal Myosin and Their Article Implications to the Function of Light Chains, Biochemistry Vol. 19 No. 24, pp. 3614-5618, 1980. Barany et al., Myosin Light Chain Phosphorylation during Contraction of Chicken Fest and Slow Skele@ Article Muscles, Archives of Biochemistry and Biophysics, Vol. 225, No. 2, pp. 692-703, September 1983. Maciver, S. K., Myosim II Function in Non-Muscle Cells, BioEssays Vol. 18 No. 3, pp. 179-182, ICSU Aftide Press 1996. Davis et al., Indirect Coupling of Phosphate Release to de novo Tension Generation During Muscle? Article Contraction, Proceeding of. National Academy of. Science Vol. 92, pp. 10482-10486, November Nordin et al., Effect of Noxious Stimulation on Sympathetic Vasoconstrictor Outflow to Human Muscle Article Journal of Physiology 489.3 pp. 885-894, 1995. **EXAMINER** DATE CONSIDERED 4-7-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP = 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

FORM PTO-1449Pass (REV. 6-89)	DEPARTMENT OF COM and Trademark Office SCLOSURE CITATION (Norestroy)	O 1 /	W 3 200 30, W. S.	ATTORNEY'S EMF-101 APPLICANT Markov PILING DATE 3/14/01	TECH CENTER 1600/2200					
U.S. PATEN	T DOCUMENT	S)/ Z			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAMB	CLASS	SUBCLASS	FILING D.	ATE IF			
FOREIGN P	ATENT DOCU	MENTS		<u></u>						
						TRANSL	ATION			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO			
70	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Btc.)									
9	Article	Butler et al., Into	racellular Calcium, M erobral Vasospasm, N	Iyosin Light Chain I	Phosphorylation, a B. No. 4, April 199	nd Contractile For P6.	œ in			
	Article	Puchala et al., C	Oxygen Effect in the R . 326-332, 1995.	adiolysis of Protein	s, International Jos	umal of Peptide &	Protein			
	Article	Kniketon et al. I	Relationships Between Exercised Rats, Ameri	n Muscle Membrane	Lipids, Fiber Tyr iology 269:38, pp	e, and Enzyme Ac. R1154-R1162, 1	fivities in 995.			
	Article	Crowley et al.,]	Multiple Growth Fact	ors are Released from rv 269, pp. H1641-J	<u>m Mechanically b</u> 11647, 1995.	ajured Vascular Sn	nooth Muscle			
	Article	Harris et al., Th	hephosphorylation Inc. al of Physiology 269	dependently Activat pp. C1160-C1166	es Each Head of 8 American Physio	logical Society 19	95.			
	Article	Xiong et al., Ca	2* Currents in Human 5. American Physiolo	Colonic Smooth M gical Society 1995,	juscie Cells, Amer	ican Journal of Phy	ysiology 269,			
	Article	Bitar et al., Mos	dulation of Smooth Michael	hacle Contraction b G378, American P	y Sphingosylphos hysiological Socie	ty 1995.				
	Article	Lheureux et al., Biochemistry, \	Comparative Studies /ol. 34, No. 36, pp. X	of the Monomeric 1435-11444, Ameri	end Filamentous A can Chemical Soc	votin-Myosin Head iety 1995.				
	Article	Lheureux et al., Biochemistry	Functional Signification No. 36, pp. 1	nce of the Binding of 1445-11452, Ameri	One Myosin Hearical Soci	ad to Two Actin M iety 1995.				
	Article	Journal of Biok	Effects of CGS 9343 gical Chemistry, Vol	L 270, No. 43, pp. 2	5613-25618, 19 9	5.				
	Article	Huxley et al., P	roposed Mechanism (of Force Generation	in Striated Muscle	e, Nature, Vol. 233				
	Article	Contains a Pseu	Kemp et al., The Calmodulin Binding Domain of Chicken Smooth Muscle Myosin Light Chain Kinase Contains a Pseudosubstrate Sequence, The Journal of Biological Chemistry, Vol. 262, No. 6, pp. 2542-							
	Article	Proteins in Hea	Some Thoughts Rep.	23-332, Academic	Press 1987.					
	Article	Bowman et al.	Pro-Steady-State Kin /Calmodulin, Journal	etics of the Activati	on of Rabbit Skele	stal Muscle Myosii o. 8, pp. 5346-535	1 Light Chain/ 4, Mar. 1992.			
EXAMINE	R			DATE CON			4, 1997. 700. N			

du 2 4-7-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 3 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

FACSIMILE OFUS. FORM PTO-1449Put (REV. 6-89)	SERIAL NUMBER 09/804,800						
			2 5 ZER (C2)	Markov	, Marko et. a	al.	
(Use Several Sheets	isclosure citation	T & TRAI	DEMARK OFFICE	FILING DATE 3/14/01	-	GROUP ART UNIT	
U.S. PATEN	IT DOCUMENT	S					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D APPROP	
FOREIGNE	PATENT DOCU	MENTS					
TORESON	A LEW BOOK					TRANSL	ATION
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
70	-		NTS (Including Aut		ertinent Pages, Etc		
	Article	Oxide Synthase 67. The Americ	Different Mechanisms or Myosin Light Cha an Society for Bioche	in Kinase, The Jos mistry and Molecu	rnal of Biological lar Biology, Inc., J	Chemistry, Vol. 21 Sanuary 1996	7]:1, pp. 62-
	Article	Cascade, The Jo Biochemistry at	., <u>Requirements for C</u> ournal of Biological C ad Molecular Biology	hemistry Vol. 271 h.c., March 1996	No.10, pp. 5617-5	6622, The America	n. Society for
	Article	Protein Kingse (lcium/Calmodulin-de C-mediated Pathways	, Journal of Exp	erimental Medicin	e Volume 181, pp.	1217-1222,
	Article	November 199	lowement and Force P				
	Article	311. Academic	estal Structure of Calm Press 1987.				
	Article	Calmodulin, Ar	Regulation of Myosin mals New York Acad	eny of Sciences, p	p. 142-149, 1980.		
	Article	Myosin, Calciu	fect of Multiple Phos pr Protein Signaling, p	pp. 299-304, Plenu	m Press 1988.		
	Article	Kennedy et al., 61-107, Acades	Calcium/Calmodulin- nic Press, 1987.	-Dependent Protein	Kinases, Calcium		
	Article	Calmodulin and	alcium Control of Mu d Troponin, Annals N	ew York Academy	of Sciences, pp. 1.	51-161, 1980.	
	Article	Melikyan et al. Planar Bilaver	, <u>GPI-enchored Influe</u> Membranes, Life Scie	nza Hemagghatinis moes 1200, Issue 4	Induces Hemifus 7, November 199	ion to Both Red Bl 5.	
	Afride	Hofmann, F., C	Calcium-Dependent Pr	otein Kinases and 8. Academic Press	<u>Calmodulin Antag</u> 1985.	onists, Calmodulin	
1	Article				 4 - 12 - 70 4 	ent Protein Masses earch Columnica	in Insulin sions, Vol.
EXAMINE	ER L		sence and Possable Inv ne Rai Pancreatic B C 255-261, February 1	DATE CON	vsideren (f.) - 05 (f.)	Tay of	STAP
EXAMIN	ER: Initial if citation	n considered, wheth	ner or not citation is in	ounformance with	MPEP > 609; Dra	aw Lincollosoph ci	tetion if not in

conformance and not considered. Include copy of this form with next communication to the patent owner.

	DEPARTMENT OF COM and and Trademark Office	OMERCE O	IPE	EMF-101	DOCKET NUMBER	serial number 09/804,800			
INFORMATION D	ISCLOSURE CITATION	理	2 5 2002 C20	Markov,	Marko et. a	d .			
(Use Several Shorts i	if Necessary)	A TRAC	EMARK OFFICE	3/14/01		GROUP ART UNIT			
U.S. PATEN	T DOCUMENT	S	·						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D APPROP			
FORFIGN P	ATENT DOCU	MENTS							
TORESON	THE TOTAL				Ī	TRANSL	ATION		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
No		OP E	S P R	thor, Title, Date, Pe)			
	Article	Kelly et al., Reg	ulation of Ca ¹⁺ /Calmo	odulin-Dependent P	rotein Kinase II b	y Autophosphoryla	tion		
	Article	Blumenthal et a	/Dephosphorylation, Calcium-Binding Proteins, pp. 180-184, Academic Press 1987. Blumenthal et al., Activation of Skeletal Muscle Myosin Light Chain Kinase by Calcium(2+) and Calmodulin, Biochemistry, Vol. 19, pp. 5608-5614, 1980.						
	Article	Williams, R.J.P.	, Calcium and Calmo	dulin, Cell Calciun	n, Vol. 13, pp. 355				
	Article	Science, Vol. 26	um-Calmodulin Modi 56, pp. 1348-1354, No	ovember 1994.					
	Article	of Vascular San	al., <u>Vascular Aldoster</u> ooth Muscle Cells, Jos	umal Ottob, pp. 582	-585.				
	Artide	Protein Kinase	Regulation of Embro	gnaling, pp. 305-31	4, Plenum Press 1	988			
	Article		Iyosin Linda Chain K uropean Biochemical			s Vol. 145, No. 2,	pp. 327-331,		
	Article	Dabrowska et a	Modulator Protein mistry, pp. 253-258,	as a Component of	the Myosin Light	Chain Kinase from	Chicken		
	Article		Organization of Myos			keletal Muscle, pp	. 494-504.		
	Article	Light Chain Kir 114, No. 7, pp.	ope-Filtered 2D NMF nase Fragment Bound 2433-2440, 1992.	to Calmodulin Jou	mal of the Americ	can Chemical Soc	iety, Vol.		
	Artiele	Greco, Jr. et al., on Enzyme Stru	New Experimental T	netics 11, pp. 57-70), Wiley-Dies 1990) <u>. </u>			
	Article	on Enzyme Structure, Bioelectromagnetics 11, pp. 57-70, Wiley-hiss 1990. Kolodney et al., Contraction Due to Microtubule Disruption is Associated with Increased Phosphorylation of Myosin Regulatory Light Chain, Proceedings of the National Academy of Science USA, Vol. 92, pp. 10252-10256, October 1995. DATE CONSIDERFIELD HUMAN CONSIDERFIELD CONSIDER							
		<u> </u>				CHOTON	*		
EXAMINE	1 h			DATE CON	SIDEREIDE	1002 X	OH		
EXAMINE conformance an	R: Initial if citation	considered, wheth	er or not citation is in form with next comm	conformance with	MPEP > 609; Dran	w Line City	ation if not in		

FACSIMILE OFUS	DEPARTMENT OF COM	OMERCE		Ţ					
FORM PTO-1449Pm (REV. 6-89)	tent and Trademark Office	01	PE	ATTORNEY'S EMF-101	DOCKET NUMBER	SERIAL NUMBER 09/804,800			
		FEB 2	5 2007 20	applicant Markov,	Marko et. a	ત્રી.			
INFORMATION D	ESCLOSURE CITATION						i		
(Uze Several Sheats	if Necessary)	PERMIS TRADI	EMARK OFFI	3/14/01		3736			
U.S. PATEN	IT DOCUMENT								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I APPROF			
<u> </u>									
	<u> </u>		l	<u> </u>		<u> </u>			
FOREIGN P	ATENT DOCU	MENTS							
						TRANSL	ATION		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
1) (1 0	PUES	PR	CIVO	<u>50</u>				
10	OTI-	IER DOCUME	NTS (Including Au	thar, Title, Date, Pe	rtinent Pages, Etc.	, ,	•		
	Article						m Current in		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tokimasa, T., Effects of Myosin Light Chain Kinase Inhibitors on Delayed Rectifier Potassium Current in Bullfrog Sympathetic Neurons, Neuroscience Letters 197, pp. 75-77, Elsevier Science Ireland 1995.							
	Article		., <u>A Ca¹⁺- and Modul</u> I Biophysical Researc						
	Article	Dabrowska et al	., Composition of the	Myosin Light Chai	n Kmase from Ch	icken Gizzard, Bio			
	Article		, <u>Myosin Light</u> Chair				Vol. II, pp.		
	Article		tiral Requirements for hain Kinage, Journal						
	Article	Ashizawa et al.,	Dephosphorysstion of carch Communication	f a 30-KDA Protein	of Fowl Spermato				
	Article	Expression, and	Human Myosin Ligh Localization to 30cer	1-q21, Gasomics 29	, pp. 562-570, Ac	ademic Press 199	5.		
·	Article	Endogenous Sul	Increased Phosphyor barrates in the Induction 6119-6124, March 1	on of Long Term A					
	Article	Opawara et al., Journal of Cell I	Differential Targeting Biology, Vol. 131, No.	of Protein Kinase (o. 4, pp. 1055-1066	C and OaM Kinas Rockefeller Univ	e II Signalings to easity Press 1995.	Vimentin,		
	Article	Barden et al., St	ructure of the Pseudo Biochimics et Biophys	substrate Recognition	n Site of Chicken	Smooth Muscle 1	Myosin Light		
	Article		ıl., <u>Myosin II Filamen</u> , Journal of Cell B						
. /	Article	Ho et al., Both t Required for Bir	Morphogenesis, Journal of Cell Biology, Vol. 131, No. 4, pp. 898-1002, Rockefeller Univ. Press 1995. Ho et al., Both the Amino and Carboxyl Termini of Dictyostelium Myosin Essential Light-Chain are Required for Binding to Myosin Heavy Chain, Journal of Biological Chemistry, Vol. 270, No. 16, pp. 27977-27981, Nov. 1995.						
	Article	Adelstein et al., 49, pp. 921-955	Regulation and Kinet , 1980.	ics of the Actin-My					
						نيم	\$0.5°		
EXAMINE	i 4	•		DATE CON	SIDERED	NEWSCO LEGICAL	A.		
I	M			4-7	-05		4, 7		
DV A METATO	D. 1 3 1 1 2 3					A V			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Daniel me through citation is no conformance and not considered. Include copy of this form with next communication to the patent owner.

37/2

FORM PTO-1449Par (REV. 6-89)	DEPARTMENT OF COM- cont and Trademark Office ISCLOSURE CITATION (/ Nervox cry)	OT SEE 2		ATTORNEY'S DOCKET NUMBER SERIAL NUMBER EMF-101 09/804,800 APPLICANT Markov, Marko et. al. FILING DATE GROUP ART UNIT 3714/01 3736					
EXAMINER	T DOCUMENT DOCUMENT					FILING D	11		
INITIAL	NUMBER	DATE	NAME	CLASS	SUBCLASS	APPROP	RIATE		
FOREIGN P	ATENT DOCU	MENTS							
			:			TRANSL	MOITA		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
1	A (1	PAF	SPR	0 V 1	DE		·-·		
101	OTI	IER DOCUME	NTS (Including Au	thor, Title, Date, Po	niment Pages, Etc.	.)			
	Article	Blackman et al.,	Blackman et al., Effects of HLF (1-120 Hz) and Modulated (50 Hz) RF Fields on the Efflux of Calorati lons From Brain Tissue in Vitro, Bioelectromagnetics 6, pp. 1-11, Alan R. Liss, inc. 1985						
	Article	Blackman et al.,	Blackman et al., A Role for the Magnetic Field in the Radiation-Induced Efflux of Calcium lons from Brain Tissue in Vitro, Bioelectromagnetics 6, pp. 327-337, Alan R. Liss, Inc. 1985						
	Article	Dutta et al., Rad	iofrequency Radiatio Cella in Culture, Bioc	n-Induced Calcium	Ion Efflux Enhan	cement from Hum			
	Article	You et al., Time Transduction in	-Varying and Static I the Lymphocyte, FHI cieties, January 1992.	Magnetic Fields Act BS Letters, Vol. 296	in Combination t	o Alter Calcium Si	<u>gnal</u>		
	Article	Dutta et al., Mic	rowave Radiation-Instrumagnetics 5, pp. 7	tuced Calcium Ion	Efflux From Hum Inc. 1984	an Neuroblastoma	Cells in		
	Article	Hahn et al., Patt	oms of Elevated Free 8, October 1992.	Calcium and Calm	odulin Activation	in Living Cells, N	ature, Vol.		
	Article	Forsen et al., Str. Biophysical Shu	ucture Function Rela dies of Bovine Integri	tions in EF-Hand C nal Calcium Protein	a ²⁺ -Binding Prote Calcium-Bindin	ins: Genetic Engin g Proteins, Acad. P	pering and Press 1987.		
	Article	Blackman et al	The Influence of Tellesse From In Vitro	persture During E	lectric- and Magn	etic-Field-Induced	Alteration of		
	Article	Ogawa, Y., Coo	perativity in Calcium	Binding and Calcin					
	Article		05-214, Plenum Press action Between Calm		Proteins, pp. 147-	154			
	Article		nodulin, Ann. Rev. Bi						
	Article	Vogel et al., Pro	tein Engineering and 15, Kluwer Academic	NMR Studies of Ca Publishers 1995	almodulin, Moleco	ular and Cellular B	liochemistry		
	Article	Taketa et al., Hi dependent Prote	igh Molecular Weight in Kinase VI from Bo	Calmodulin-bindir	ng Protein is Phos le, Molecular and	phorylandby Calo	nodulin- stry 149/150,		
<u> </u>	-		ver Academic Publish	ers 1995.		<u> </u>			
EXAMINE	2	considered wheth	er or not citation is in	DATE CON Y - 7- conformance with 1 unication to the pate	SIDERED S	W Line that are	ation if not in		
			om with next comm	unication to the pate	ent owner.	Q.			

					·			
	DEPARTMENT OF COM and send Tradoments Office	MERCE		ATTORNEY'S DO EMF-101	OCKET NUMBER S	SERIAL NUMBER 09/804,800	:	
('~KI	APPLICANT			유	
		FER 2	. 5	Markov, M	Marko et. al.		CENT	SEP
INFORMATION D	ISCLOSURE CITATION	3	5 MR 5020	FILING DATE	_		4	
4		E C		3/14/01		ROUP ART UNIT	- 9	
(Use Several Sheets)	ij Neresiwy)	PATERITO PADEN	IARKOTTIS	0,1,,01	-	1	1	T ' 2002
U.S. PATEN	T DOCUMENT	S						לי בי היים בי
EXAMINER	DOCUMENT					FILING I	**	3
INITIAL	NUMBER	DATE	NAME	CLASS	SUBCLASS	APPROP	1	
					<u> </u>	<u> </u>		
FOREIGN P	ATENT DOCU	MENTS	T	T T	ſ	Ī		
	2000					TRANSL	ATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
- ^ \		615	00	8 17 7 7	<u></u>			
101		il US	* PR	ONLF	DO	i	!	
· · · · · · · · · · · · · · · · · · ·	OTI	ER DOCUME	NTS (Including Au	thor, Title, Date, Pe	rtinent Pages, Etc.)		
	Article		Calmodulin Plays a P	ivotal Role in Cellu	lar Regulation, Sc	ience, Vol. 207 N	04.	1
	Article	January 1980. Cox. J.A., Inters	ective Properties of C	ilmodulin, Biochen	nical. Journal, Vol.	249 рр. 621-629), 1988.	
			Non-selective Cation (
	Article	dependent Prote	in Kinase in Human I	pithelial Cella, Jou	mal of Physiology	488.1, pp. 37-55	<u>, 1995.</u>	
	Article		ophysical Studies of C	Calmodulin, Calcius	n and Cell Function	on, Vol. VI, pp. 11	3-157,	
	Article	Academic Press	1986. L, Preparation and Pr	operties of the Calm	odulin-Binding D	omain of Skeletal	Muscle	
	Adde	Myosin Light	hain Kinase, Methods	in Enzymology, V	ol. 139, pp. 115-1:	26, Academic Pre	ss 1987.	
	Article	· -	acture of Calmodulin	Refined at 2.2 Å Re	solution, Journal	of Molecular Biol	ogy, Vol. 204,	
	Article	pp. 191-204, 19 Hidaka, H., Bic	pharmacological Ass	essment of Calmodi	ılin Function: Util	ity of Calmodulin	Antagonist	}
		Naphthalenesul	fonamide Proc. West	Pharmacol. Soc. 2	4, pp. 203-208, 19	981.		
	Article	Hidaka et al., A	ctivity Structure Rela	trongnip of Calmoo sty for Pharmacolog	<u>uum Amagonists,</u> 1 cy 1981.	Molecular Pharms	scology, vol.	Ì
	Article	Klevit et al.	eraction of Calmodul	n and a Calmoduli	a-Binding Peptide	from Myosin Ligh	nt Chain	
		Kinase Major	Spectral Changes in B ol. 24, No. 27, pp. 815	oth Occur as the Re	ssult of Complex F Shemical Society	ormation, Calmoo	hilm-Peptide	
	Article	Heidom et al.,	Calmodulin-Bir	ding Domain of M	yosin Light Chain	Kinase, American	Chemical	
		Society, 1989	· · · · · · · · · · · · · · · · · · ·		CD LLS ES G	ralmal Mounda Pi		
	Article		modulin and Myosin 79, pp. 89-97, 1979.	Light-Cham Kmas	e of Kabon Pass	CELECAL MILISCRE, DI		
	Article	Lukes et al. Ar	Interdisciplinary Ap	proach to the Molec	ular Mechanisms	of Calmedulin Ac	tion:	
			iochemistry, Site-Spe 3-543, Academic Pre		nd Protein Engine			
	Article	Kretsinger et al	, Crystal Structure of	Calmodulin, Journ	al of Inorganic Bio	ochemistry 28, pp.	289902	
			e Publishing, New Yo				2850	*
	1					Š	ş 👡	O'
EXAMINE	R [']	1		DATE CON	GIDEBED	3 8		
. /	4	_			7 - 05	Š	1/2 1/2	7
A-		$\overline{}$		1 7	(()		- K	
			er or not citation is in					
conformance a	nd not considered. In	clude copy of this	form with next comm	unication to the pat	ent owner.			j
•								

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 Patent and Trademark Office (REV. 6-89) FEB 2 5 2002 ATTORNEY'S DOCKET NUMBER SERIAL NUMBER EMF-101 09/804,800 APPLICANT Markov, Marko et. al. FILING DATE 3/14/01 3736							
IIS PATEN	T DOCUMENT	s		-			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE IF PRIATE
FOREIGN P	ATENT DOCU	MENTS					•
TORESTORY						TRANS	LATION
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	OTH	IER DOCUME	NTS (Including Au	thor, Title, Date, F	Pertinent Pages, Etc.)		
	Article	Kidaka et al., B Antagonists, Ca	iopharmacological As Imodulin & Intracellu	sessment of Calmu lar Ca++ Receptor	odulin Function: Util 18, pp. 19-33, Plenur	ity of Calmodul n Publishing Co	<u>in</u> rp. 1982.
	Article	Suematsu et al.,	Actions of Calmodul	in and Cyclic Nuc	lectides in Vascular	Smooth Muscle	Assessments
	Article	Ikura et al., Soh	ation Structure of Cal Calcium Vol. 13, pp.	modulin and its Co	omplex with a Myosi	in Light Chain K	
	Article	Hartshorne, D.J	., Calmodulin: An Int ogy, pp. 3-11, Acade	roduction to Bioch	emical Aspects Cal	modulin Antago	nists and
	Article	Demailte, J.G.,	Calmodulin and Calc im and Cell Function	ium-Binding Prote	ins: Evolutionary Di 43, Academic Press	iversification of 1982.	Structure and
	Article	Yazawa et al., E 446-448, Acade	egulatory and Target	-Binding Domathu	of Calmodulin, Cal	cium Binding P	roteins, pp.
	Article	Kuhn et al., Stir Calcium and Co	nulation of Synthesis all Function, Vol. III.	of Newformsmitte	ers by Calmodulin-D lemic Press, 1982.	ependent Phosp	horylation,
	Article	Arber, S.L., Mic Chemistry and I	rowave Enhancement Thysics and Medical I	of Membrane Co VM, R, Vol. 17, pp	nductance: Calmodu . 227-233, 1985.	lin Hypothesis,	Physiological
	Article	Ikura et al., Soh	ution Structure of a C	almodalin-Target		Multidimension	al NMR,
 	Article	Maune et al.	at Binding and Confe	emational Change	in Two Series of Po Chemistry 267.8, p	<u>int Mutations to</u> p. 5286-5295, N	the Individual March 1992.
	Article	Hidaka et al., M	lolecular Pharmacolo , Longman Group Ul	gy of Calmodulin			
,	Article	Sharma, R.K., S	Signal Transduction:] endent Cyclic Nucleo	Regulation of cAM	IP Concentration in Corase, Molecular and	Cardiac Muscle l Cellular Bioch	by emistry
	Article	Martin et al., Sp	1-247, Khrwer Acad ectroscopic Characte	rization of a High-	Affinity Calmodulin	- Target Peptid	eriybrid
	Article	Latigge et al., A	nemistry 35, pp. 3508 malysis of the Ion Bir	ding Sites of Calm	odulin by Electrospi	ray Ionizztion 🕏	
EXAMINER	1	Spectrometry, F	Biochemistry 34, pp. 1	3825-13832, Am		B	R I 2
1	- pr			1 4-	7-05	_ <u>3</u>	
			er or not citation is in form with next comm				

EXAMINER DOCUMENT INITIAL NUMBER DATE NAME CLASS SUBCLASS APPROPRIATE C						Sheet	12	of 12
U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IS APPROPRIATE FOREIGN PATENT DOCUMENTS OTHER DOCUMENTS Article Means of al., Molecular Analysis of Calmodulin and Smooth Musele Artymology, pp. 287-290, 1983. Article Article Article Means of al., Molecular Analysis of Calmodulin and Smooth Musele Artymology, pp. 287-290, 1983. Article Articl	FORM PTO-1449Pat		10	IPE				
U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IS APPROPRIATE OTHER DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Btc.) Article Messas of al., Molecular Analysis of Calmodulin and Smooth Musele Artivota Light Class Kinase, pp. 135-145. Article Messas of al., Molecular Analysis of Calmodulin and Smooth Musele Artivota Light Class Kinase, pp. 135-145. Article Messas of al., Molecular Analysis of Calmodulin and Smooth Musele and Endothelial Calle Subclaying Local Dates, of Calcium Protein Kinases, Mathods in Enzymology, pp. 287-290, 1985. Article Walking of al., Assay of Ordic Artivota Calcium in Vascular Smooth Musele and Endothelial Calle Subclaying Local Dates, of Calcium Protein Kinases, Mathods in Enzymology, pp. 287-290, 1985. Article Walking of al., Assay of Ordic Artivota Street Intracellular Calcium in Vascular Smooth Musele and Endothelial Calcium Enventors of Name Challe, p. 580. Article Calle, Subclaying Dates of Addotsorares Sodium Transport in Vascular Smooth Musele Calle, Journal Challe, p. 581. EXAMINER: Initial if classica considered, whether or not classion is in conformance with MFEP > 609; Drew Line throughts attended that in Calcium and Calcium in Calcium	INFORMATION D	ESCLOSURE CITATION		2 5 2002 20		, Marko et.	al.	TEC
DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IF REPROPERATE TO COUNTRY DATE COUNTRY CLASS SUBCLASS APPROPRIATE TO COUNTRY DATE COUNTRY CLASS SUBCLASS TRANSLATION NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Article Meens et al., Molecular Analysis of Calmodulin and Smooth Muscle Myolin Lies Chain Kanne, pp. 133-143. Article Meens et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Welling et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981. Article Carbin et al., Assay of Cyclic AMPT-Pependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1981.	(Use Several Sheets	([Nerezzwy)	(A)		_	Ē		
POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Bac.) Article Means et al., Molecular Analysis of Calmodalin and Smooth Musele Mycolin Light Chain Kinnes, pp. 133-145. Article Carbin et al., Assay of Cyclic AMPT Dependent Protein Kinnese, Methods in Enzymology, pp. 287-290. 1982. Article Webling of al., Regid Effects on Free Intracellular Calcium in Vascular Smooth Musele and Endothelial Calls Subcellular Incollination of Calcium Elevations by Sengle Cell Imaging, Journal Club. p. 580. Article Regid Effects of Addots of the Society of Calcium Intrasport in Vascular Smooth Musele Cells, Journal Club. p. 581. DATE CONSIDERED Y-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 600; Draw Line throughtains on Note in	U.S. PATEN	IT DOCUMENT	S					i ā
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Bit.) Article Messas et al., Molecular Analysis of Calmodulin and Smooth Musele Myosin Light Chain Kinase, pp. 135-145. Article Orbin et al., Assay of Ordic AMT Dependent Protein Kinases, Mathods in Enzymology, pp. 287-290, 1987- Article Weiging at al., Regid Effects on Free Intracellular Calcium in Vascular Smooth Musele and Endethelial Cells, Subclass of Calcium Elevations by Single Cell Imaging, Journal Chib. p. 380 Chris et al., Ragid Effects of Addostrone on Softum Transport in Vascular Smooth Musele Cells, Journal Chib. p. 581. COP OF STATES DATE CONSIDERED Y-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 609; Draw Line throughtantion that in			DATE	NAME	CLASS	SUBCLASS		
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Bit.) Article Messas et al., Molecular Analysis of Calmodulin and Smooth Musele Myosin Lagli Chain Kinase, pp. 135-143. Article Vegling et al., Assay of Ordic AMP Dependent Protein Kinases, Methods in Enzymology, pp. 287-290, 1923. Article Weiging et al., Regid Effects on Free Introducinal by Single Cell Imaging, Journal Chib. p. 380. Article Clies Subchilar Localization of Calcium Rievations by Single Cell Imaging, Journal Chib. p. 380. Christ et al., Rapid Effects of AddouterOne on Sodium Transport in Vascular Smooth Muscle Cells, Journal Chib. p. 581. EXAMINER DATE CONSIDERED Y-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 609; Draw Line through Stantics at 80t in	FOREICNI	A TENT DOCUM	MENTE					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Bic.) Article Means et al., Molecular Analysis of Calmodulin and Smooth Muscle Artycoin Light Chain Kinsse, pp. 135-143. Article Ordrin et al., Assay of Cyclic AddP-Dependent Protein Kinsses, Smooth Muscle and Endethelial Callis Subcellular Localization of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 580. Article Welling et al., Repid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endethelial Callis Subcellular Localizations of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 581. Corlist at al., Repid Effects of Aldostormes, Softium Transport in Vascular Smooth Muscle Cells, Journal Club, p. 581. COP FOR DOLD OF Transport in Vascular Smooth Muscle Cells, Journal Club, p. 581. EXAMINER DATE CONSIDERED 4-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 600; Drew Line through Station of Not in	POREIGN F	ATENT DOCO	MENIO			-	TRANSL	ATION
Article Means et al., Molecular Analysis of Calmochilm and Smooth Muscle Hyvotin Light Chain Kinase, pp. 135- 145. Article Corbin et al., Assay of Crelic AMP Dependent Protein Kinases, , Methods in Enzymology, pp. 287-290, 1983. Article Webling of al., Respid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endothelial Cells: Subscellular Localization of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 580 Christ et al., Repid Effects of Aldostrone on Sodium Transport in Vascular Smooth Muscle Cells, Journal Club, p.581. COP ISS PROVIDED EXAMINER DATE CONSIDERED 4-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line throughtation that in		1	DATE	COUNTRY	CLASS	SUBCLASS	YES	МО
Article Means et al., Molecular Analysis of Calmochilm and Smooth Muscle Hyvotin Light Chain Kinase, pp. 135- 145. Article Corbin et al., Assay of Crelic AMP Dependent Protein Kinases, , Methods in Enzymology, pp. 287-290, 1983. Article Webling of al., Respid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endothelial Cells: Subscellular Localization of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 580 Christ et al., Repid Effects of Aldostrone on Sodium Transport in Vascular Smooth Muscle Cells, Journal Club, p.581. COP ISS PROVIDED EXAMINER DATE CONSIDERED 4-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line throughtation that in		OTT	ED DOCUME	DITO G L S . A .	1. Til. Da. D	ni na Dana Pina	\	
Article Corbin et al., Assay of Crelic AMP-Dependent Protein Kinasca, Methods in Enzymology, pp. 287-290, 1985. Article Webling of A., Repid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endothelial Cells Subcellular Localization of Calcium Elevations by Single Cell Imaging, Journal Ctub, p. 580 Article Orris et al., Rapid Effects of Addoctororous Sodium Transport in Vascular Smooth Muscle Cells, Journal Club, p. 581. COP (BS) PROVIDED EXAMINER DATE CONSIDERED 4-7-05 EXAMINER: Initial if citation considered, whather or not citation is in conformance with MPEP > 609; Draw Line through Station That in								sse nn 135.
Article Welling of A. Repid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endothelial Calls Suboellular Localization of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 580 Article Orrist of al., Repid Effects of Aldostrotre-on Socium Transport in Vascular Smooth Muscle Cells, Journal Chub, p. 581. OO PES PROVIDED EXAMINER DATE CONSIDERED Y-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 609; Draw Line through Station in their in		Anuce	145.					
Article Wehling at al., Repid Effects on Free Intracellular Calcium in Vascular Smooth Muscle and Endothelial Cells: Subcellular Localization of Calcium Elevations by Single Cell Imaging, Journal Chub, p. 580 Article Article Chub, p. 581. COP (FS) PRODUCES PRODUCES PRODUCES PRODUCES Article DATE CONSIDERED Y-7-05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP > 609; Draw Line through Station of the in		Article		say of Cyclic AMP-D	ependent Protein K	inases, , Methods i	n Enzymology, pp	. 287-290,
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 9 609; Draw Line through station in hot in		Article	Wehling a al., 2 Cells: Subcellul	ar Localization of Co	lcium Elevations b	y Single Cell Imag	ing Journal Club,	p. 580
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in		Article		oid Effects of Aldoster	one on Sodium Tr	maport in Vascular	Smooth Muscle C	Cells, Journal
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in		NO	COPI	BS F	POI	IDE	-0	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in		<u> </u>					<u></u>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in								
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in								
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in								
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in								
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in		 		· ·				<u>ल</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in							CCG	MAR
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP a 609; Draw Line through station if not in	EXAMINE	R 1			1		YCENI	-
	M.	m				 		-8
							v Line throughout	ni son'n' not in

ı